

Datasheet for ABIN7554634

CAZIP Protein (AA 1-1369) (His tag)



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Overview

Quantity:	1 mg
Target:	CAZIP (MTUS2)
Protein Characteristics:	AA 1-1369
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CAZIP protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat MTUS2 Protein expressed in mammalian cells.
Sequence:	MSVPVAPKKS CYTQLRDNRN AARNNNESIL SLGDTNANQI MLEVSSSHDE SKTCDLGDEI GNTNSSEPEN RTHFHKEFHQ LQGFGKGSQA GSASLKDFRL SSTIQRELNE EHTVERGTDS LQTTRSIQGP SLSSWRNVMS EASLDVLAKR DAEIPRHVPK DKLAKTLDNE ELRRHSLERA SSSVAAVGSL TPQHPQPLSL DSREARGQIP GGEGPQKTL PDHAVPAAFP ATDSTSEGKS VRHPKPSTSE SKQSTPSETQ TVGAHVLQVC SEHTSHSAHP EPALNLTAS KEIPSKLEAQ LGQGKGAKL DLKYVPPRRV EQEGKAAQEG YLGCHKEENL SALEGRDPCG EAHPEATDAL GHLNNDLHH LGVGRGNCEE KRGVNPGEQD SLHTTPKQGS ASLGADNQP TGKISPCAGE KLGERTSSSF SPGDSHVAFI PNNLTDSKPL DVIEEERLG SGNKDSVMVL VFNPVSVGENK TEVPEPLDPQ SGRSEARESK EVTTSVAENR NLLNADKIE STSARADSVL NIPAPLHPET TVNMTYQPTT PSSSFQDVSV FGMDAGSPLV VPPPTDSARL LNTSPKVPDK NTCPSGIPKP VFTHSKDTPS SQEGMENYQV EKTEERTETK PIIMPKPKHV RPKIITYIRR NPQALGQVDA

SLVPVGLPYA PPTCTMPLPH EEKAAGGDLK PSANLYEKFK PDLQKPRVFS SGLMVSGIKP
PGHPFSQMSE KFLQEVTDHP GKEEFCSPPY AHYEVPTFY RSAMLLKPQL GLGAMSRLPS
AKSRILIASQ RSSASAIHPP GPITTATSLY SSDPSADLKK ASSSNAAKSN LPKSGLRPPG
YSRLPAAKLA AFGFVRSSSV SSVSSTQSGD SAQPEQGRPA TRSTFGNEEQ PVLKASLPSK
DTPKGAGRVA PPASSSVTAP RRSLLPAPKS TSTPAGTKKD AQKDQDTNKP AVSSPKRVAA
STTKLHSPGY PKQRTAAARN GFPPKPDPQA REAERQLVLR LKERCEQQTR QLGVAQGELK
RAICGFDALA VATQHFFRKN ESALVKEKEL SIELANIRDE VAFHTAKCEK LQKEKEELER
RFEDVKRLG WQQQAEQLQEL EERLQLQFEA EMARLQEEHG DQLLSIRCQH QEQVEDLTAS
HDAALLEMEN NHTVAITILQ DDHDKVQEL MSTHELEKKE LEENFEKLRL SLQDQVDTLT
FQSQSLRDRA RRFEEALRKN TEEQLEIALA PYQHLEEDMK SLKQVLEMKN QQIHEQEKKI
LELEKLAENK IILEEKIQLV QQQNEDLKAR IDQNTVVTRQ LSEENANLQE YVEKETQEKK
RLSRTNEELL WKLQTDPTS PIKLSPTSPV YRGSSSGPSS PARVSTTPR **Sequence without tag.**

The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.

Characteristics:

Key Benefits:

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity:

> 90 % as determined by Bis-Tris Page, Western Blot

Grade:

custom-made

Target Details

Target:

CAZIP (MTUS2)

Target Details

Alternative Name:	MTUS2 (MTUS2 Products)
Background:	Microtubule-associated tumor suppressor candidate 2 (Cardiac zipper protein) (Microtubule plus-end tracking protein TIP150) (Tracking protein of 150 kDa),FUNCTION: Binds microtubules. Together with MAPRE1 may target the microtubule depolymerase KIF2C to the plus-end of microtubules. May regulate the dynamics of microtubules at their growing distal tip. {ECO:0000269 PubMed:19543227}.
Molecular Weight:	150.2 kDa
UniProt:	Q5JR59

Application Details

Application Notes:	In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	The buffer composition is at the discretion of the manufacturer.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	12 months